

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: PORTFOLIO

Report Number: P844290

Luminaire Tested: **LD6C30DE010B2750 EU6C30B30 6LBMB**

Issue Date: 5/7/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P844290  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203577)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LD6C30DE010B2750 EU6C30B30 6LBMB  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

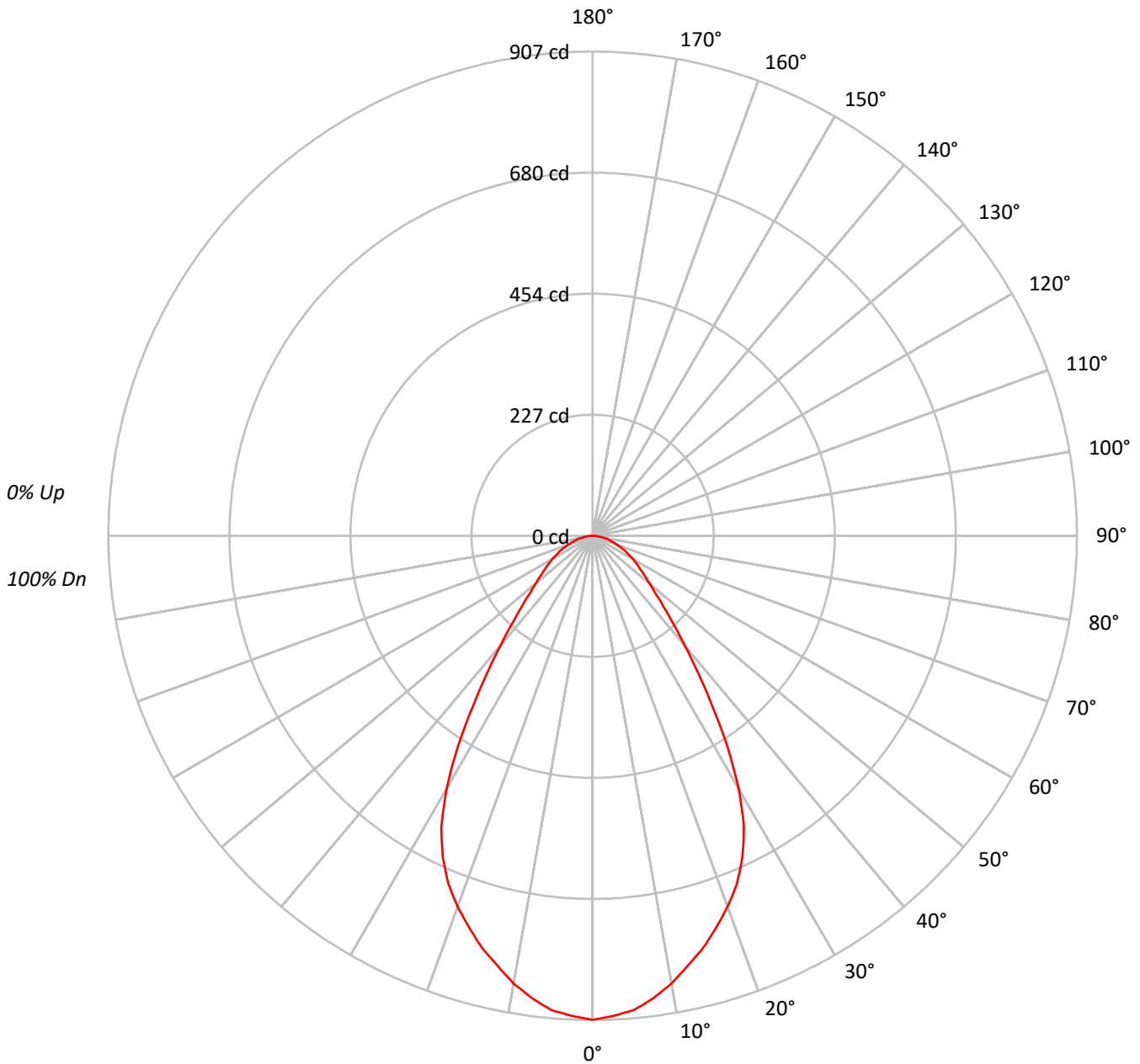
Lumens per Lamp: N/A  
Luminaire Lumens: 1215.2 lumens  
Efficiency: N/A  
Efficacy: 35.6 lumens/watt  
Spacing Criteria (0/90/45): 1 / 1 / 0.97  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

Input Watts (W): 34.1  
Input Voltage (V):  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT

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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20				
RC	80				70				50				30				10		0		
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	111	108	104	101	109	105	103	100	101	99	97	98	96	94	94	92	91	89			
2	104	97	92	88	101	96	91	87	92	88	85	89	86	83	86	83	81	79			
3	97	88	82	77	95	87	81	76	84	79	75	82	77	74	79	76	73	71			
4	90	81	74	68	88	80	73	68	77	72	67	75	70	66	73	69	65	64			
5	85	74	67	61	83	73	66	61	71	65	61	69	64	60	68	63	59	58			
6	79	68	61	56	78	68	61	56	66	60	55	64	59	55	63	58	54	53			
7	75	63	56	51	73	63	56	51	61	55	50	60	54	50	59	54	50	48			
8	70	59	52	47	69	58	51	47	57	51	46	56	50	46	55	50	46	44			
9	66	55	48	43	65	54	48	43	53	47	43	52	47	43	51	46	43	41			
10	63	51	45	40	62	51	44	40	50	44	40	49	44	40	48	43	40	38			

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	49705
5°	49070
10°	47399
15°	45375
20°	43124
25°	40152
30°	34588
35°	26247
40°	19186
45°	14552
50°	11872
55°	10408
60°	9550
65°	8704
70°	7774
75°	7096
80°	6346
85°	5284



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	83.8	6.9
10°-20°	224.4	18.5
20°-30°	301.3	24.8
30°-40°	247.1	20.3
40°-50°	148.4	12.2
50°-60°	98.6	8.1
60°-70°	66.1	5.4
70°-80°	35.5	2.9
80°-90°	10.1	0.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	609.4	50.1
0°-40°	856.5	70.5
0°-60°	1103.5	90.8
0°-90°	1215.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1215.2	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	907	
5°	892	84
15°	800	224
25°	664	301
35°	392	247
45°	188	148
55°	109	99
65°	67	66
75°	34	36
85°	8	10
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	906.7
2.5°	900.0
5°	891.7
7.5°	873.3
10°	851.5
12.5°	824.6
15°	799.5
17.5°	769.3
20°	739.2
22.5°	705.7
25°	663.8
27.5°	613.4
30°	546.4
32.5°	471.0
35°	392.2
37.5°	325.1
40°	268.1
42.5°	222.9
45°	187.7
47.5°	159.2
50°	139.2
52.5°	122.4
55°	108.9
57.5°	97.2
60°	87.1
62.5°	75.4
65°	67.1
67.5°	57.0
70°	48.5
72.5°	40.2
75°	33.5
77.5°	26.8
80°	20.1
82.5°	15.1
85°	8.4
87.5°	3.4
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)